Journal of Soil and Water Conservation
Index to Volume 50

Aase, J.K. (and J.L. Pikul, Jr.), Terrace formation in cropping strips protected by tall wheatgrass barriers, 110
Abrahams, Athol D. (and Anthony J. Parsons and John Wainwright), Controls and determination of resistance to overland flow on semiarid hillslopes, Walnut Gulch, 457

AGNPS (Agricultural Nonpoint Source Pollution Model)
and erosion assessment of large watersheds in Taiwan, 180

Agriculture
and conventional row cropping (commentary), 262
and cropping systems, the role of agchem dealers (commentary), 263
and effects of planting direction on agriculture, 188
and how farmers assess soil health and quality, 229
and new technology for environmental quality, 352
and onsite erosion damages in Missouri corn production, 312
and organic farming in an urbanized state, 663
and profitability of soil and water conservation in Canada, 215
and research seeking benefits in the Everglades, 609
and the structure of: implications for soil and water conservation, 347
Farm-level case study/sustainable agricultural production, 39
Allen, B.L. (see Zobeck, T.M.)
Alonso, Carlos (see Garbrecht, Jürgen)

Alternative agriculture
and organic farming in an urbanized state, 663
Barbier, Edward B. (and Joshua T. Bishop), Economic values and incentives affecting soil and water conservation in developing countries, 133
Barnett, Chris (see Prato, Tony)
Batte, Marvin (see Lehman, Timothy S.)
Beach, Timothy (and Nicholas P. Dunning), Ancient Maya terracing and modern conservation in the Petén rain forest of Guatemala, 138
Bedford, Barbara L. (see Poiani, Karen A.)
Beier, Ann, Sustainable agriculture (an SWCS policy position statement), 634
Berna, David F., Woods, Water, and People: A Primer, Some Affects of Human Action on Water Resources of the Eastern Forest, by James H. Patric, (a book review), 64
Berthelsen, Peter S. (and Loren M. Smith), Nongame bird nesting on CRP lands in the Texas Southern High Plains, 526

Best management practices
and the Tahoe Landscape: A BMP education program, 272
Bilbro, J.D. (see Zobeck, T.M.)
Bishop, Joshua T. (see Barbier, Edward B.)
Bleecker, M. (and S.D. DeGloria, J.L. Hutson, R.B. Bryant, and R.J. Wagenet), Mapping Atrazine leaching potential with integrated environmental databases and simulation models, 388
Blevins, R.L. (see Coyne, M.S.)

Books reviewed
Berna, David F., Woods, Water, and People: A Primer, Some Affects of Human Action on Water Resources of the Eastern Forest, by James H. Patric, (a book review), 64
Brenneman, William S., Mountains and Plains, The Ecology of Wyoming Landscapes, by Dennis H. Knight, 285
DeGloria, Stephen D., Remote Sensing and GIS in Ecosystem Management, by V. Alaric Sample (a book review), 285
El-Swaify, Samir, Soil Science and Sustainable Land Management in the Tropics, edited by J.K. Syers and D.L. Rimmer (a book review), 647
Fish, Rebecca, Landcare: Communities Shaping the Land and the Future, by Andrew Campbell (a book review), 646
Hildreth, R.J., The History of Agriculture and the Environment, by Douglas Helms and Douglas E. Bowers (a book review), 366
Lai, Richard T., Ethical Land Use: Principles of Policy and Planning, by Timothy Beatly (a book review), 553
Nellis, Lee, Rural by Design: Maintaining Small Town Character, by Randall Arendt (a book review), 162
Power, J.F., Soil Science Simplified, 4th Edition, by Helmut Kohnke and D.P. Franzmeier (a book review), 366
Shipitalo, Martin J., Soil Ecology, by Ken Killham (a book review), 64
Woodbury, Marsha, Land and Water: Water and Soil Conservation and Central Government in New Zealand, by Michael Roche (a book review), 646
Brakensiek, D.L. (see Rawls, W.J.)
Bredeweg, Sally (see Supalla, Raymond J.)
Brenneman, William S., Mountains and Plains, The Ecology of Wyoming Landscapes, by Dennis H. Knight, 285
Brown, Lester R. (and Hal Kane), Reassessing population policy (a commentary), 150
Bryant, R.B. (see Bleecker, M.)
Bullock, M.S. (see Larney, F.J.)
Burbach, M.E. (see Zlotnik, V.A.)
Boughton, Walter C., An Australian water balance model for semiarid watersheds, 454
Boyer, D.G. (see Prato, Tony)
Burney, Jack (see Edwards, Linnell)
Campbell, C. Andrew, Landcare: Participative Australian approaches to inquiry and learning for sustainability, 125
Christopherson, John (and Ed Smith), The Tahoe landscape: A BMP education program, 272
Coffey, S.W. (see Stone, K.C.)
Cohee, Melville, H., Over 50 years—The conservation movement and SWCS, 343
Cohen, I. Sanchez (and Vincent L. Lopes, Donald C. Slack, and Carlos H. Yañez), Assessing risk for water harvesting systems in arid environments, 446

Computer models
(see models)

Conservation
Integrated pest management and conservation, 25
and terrace formation in cropping strips protected by tall wheatgrass barriers, 110
and incentives and economics in developing countries, 133
ancient Maya terracing and modern conservation, 138
and profitability of soil and water conservation in Canada, 215
and windbreaks and ecosystem-based assistance, 249
the conservation movement and SWCS, 343
and the structure of agriculture: implications for soil and water conservation, 347
and new technology for environmental quality, 352
and the soil and water conservationist of tomorrow, 355
and the three Ws of communicating conservation, 356
and managing droughts and floods in Brazil, 422

Conservation education
and the Tahoe Landscape: A BMP education program, 272

Conservation Reserve Program
and filter strips and recharge areas in USDA easements, 193
and nongame bird nesting, 672

Conservation tillage
and macropore effects in conventional tillage and no-tillage, 205
and influences as measured by ponded and tension infiltration, 571
Coote, D.R. (see Hayhoe, H.N.)

Cover crops
and selected cover crops established in early soybean growth stage, 82
Coyne, M.S. (R.A. Gilfillen, R.W. Rhodes, and R.L. Blevins), Soil and fecal coliform trapping by grass filter strips during simulated rain, 405
Cressel, Mary M., The three Ws of communicating conservation, 356

Crop production
and irrigated corn production in no-till and plowed alfalfa sod, 75
Soil erosion—crop productivity in six Alberta soils, 87
Curtis, Allan (and Terry DeLacy) Evaluating landcare groups in Australia: How they facilitate partnerships between agencies, community groups, and researchers, 15
Daniel, T.C. (see Moore, P.A., Jr.)
Davidson, D.A. (see Theocharopoulos, S.P.)
DeGloria, Stephen D., Remote Sensing and GIS in Ecosystem Management, by V. Alaric Sample (a book review), 285
DeGloria, S.D. (see Bleecker, M.)
DeHaan, Ron (see Edwards, Linnell)
DeLacy, Terry (see Curtis, Allan)
De Laney, Taylor A., Benefits to downstream flood attenuation and water quality as a result of constructed wetlands in agricultural landscapes, 620
DeLuca, T.H., Conventional row crop agriculture: Putting America's soils on a white bread diet, 262

Departments
Books, etc., 64, 162, 285, 366, 553, 641
Editorial, 3, 115, 223, 332, 580
Penpoints (letters to the editor), 116, 224, 334, 414, 585
Product news, 50, 154, 275, 360, 549, 636
SWCS view, 2, 114, 222, 330, 412, 578
Upcoming, 70, 166, 290, 371, 558, 644
Despain, Wendy (see Jones, O.R.)
Despain, Wendy, A summary of the Soil and Water Conservation Society's Wetlands Reserve Program survey, 633
Dickey, Elbert C. (see Shelton, David P.)
Dishongh, Gail, Windbreaks and ecosystem-based assistance in the Natural Resource Conservation Service, 249
Dixon, Robert M., Water infiltration control at the soil surface: Theory and practice, 450
Douglas, C.L., Jr. (see Reicosky, D.C.)

Dredging
and the political economy to offset sediment impacts, 659

Drought
and managing droughts and floods in Brazil—a case for conservation, 422
Dunning, Nicholas P. (see Beach, Timothy)

Easement programs
and filter strips and recharge areas in USDA easements, 193

Economics
and converting hydric cropland to wetland in Missouri, 101
and incentives and conservation in developing countries, 133

Education
and the Tahoe Landscape: A BMP education program, 272
Edwards, Linnell (and Jack Burney and Ron DeHaan), Researching the effects of mulching on cool-period soil erosion control in Prince Edward Island, Canada, 184
Elliot, L.F. (and K.E. Saxton and R.I. Papendick), The effect of residue management and paratillage on soil and water conservation and spring barley yields, 510
El-Swaify, Samir, Soil Science and Sustainable Land Management in the Tropics, edited by J.K. Syers and D.L. Rimmer (a book review), 647
Engel, B.A. (see Savabi, M.R.)
Engman, Edwin T., The use of remote sensing data in watershed research, 438

Environment
well sampling for agrichemicals in high capacity

Journal of Soil and Water Conservation
Index to Volume 50

Aase, J.K. (and J.L. Pikul, Jr.), Terrace formation in cropping strips protected by tall wheatgrass barriers, 110
Abrahams, Athol D. (and Anthony J. Parsons and John Wainwright), Controls and determination of resistance to overland flow on semiarid hillslopes, Walnut Gulch, 457

AGNPS (Agricultural Nonpoint Source Pollution Model)
and erosion assessment of large watersheds in Taiwan, 180

Agriculture
and conventional row cropping (commentary), 262
and cropping systems, the role of agchem dealers (commentary), 263
and effects of planting direction on agriculture, 188
and how farmers assess soil health and quality, 229
and new technology for environmental quality, 352
and onsite erosion damages in Missouri corn production, 312
and organic farming in an urbanized state, 663
and profitability of soil and water conservation in Canada, 215
and research seeking benefits in the Everglades, 609
and the structure of: implications for soil and water conservation, 347
Farm-level case study/sustainable agricultural production, 39
Allen, B.L. (see Zobeck, T.M.)
Alonso, Carlos (see Garbrecht, Jürgen)

Alternative agriculture
and organic farming in an urbanized state, 663
Barbier, Edward B. (and Joshua T. Bishop), Economic values and incentives affecting soil and water conservation in developing countries, 133
Barnett, Chris (see Prato, Tony)
Batte, Marvin (see Lehman, Timothy S.)
Beach, Timothy (and Nicholas P. Dunning), Ancient Maya terracing and modern conservation in the Petén rain forest of Guatemala, 138
Bedford, Barbara L. (see Poiani, Karen A.)
Beier, Ann, Sustainable agriculture (an SWCS policy position statement), 634
Berna, David F., Woods, Water, and People: A Primer, Some Affects of Human Action on Water Resources of the Eastern Forest, by James H. Patric, (a book review), 64
Berthelsen, Peter S. (and Loren M. Smith), Nongame bird nesting on CRP lands in the Texas Southern High Plains, 526

Best management practices
and the Tahoe Landscape: A BMP education program, 272
Bilbro, J.D. (see Zobeck, T.M.)
Bishop, Joshua T. (see Barbier, Edward B.)
Bleecker, M. (and S.D. DeGloria, J.L. Hutson, R.B. Bryant, and R.J. Wagenet), Mapping Atrazine leaching potential with integrated environmental databases and simulation models, 388
Blevins, R.L. (see Coyne, M.S.)

Books reviewed
Berna, David F., Woods, Water, and People: A Primer, Some Affects of Human Action on Water Resources of the Eastern Forest, by James H. Patric, (a book review), 64
Brenneman, William S., Mountains and Plains, The Ecology of Wyoming Landscapes, by Dennis H. Knight, 285
DeGloria, Stephen D., Remote Sensing and GIS in Ecosystem Management, by V. Alaric Sample (a book review), 285
El-Swaify, Samir, Soil Science and Sustainable Land Management in the Tropics, edited by J.K. Syers and D.L. Rimmer (a book review), 647
Fish, Rebecca, Landcare: Communities Shaping the Land and the Future, by Andrew Campbell (a book review), 646
Hildreth, R.J., The History of Agriculture and the Environment, by Douglas Helms and Douglas E. Bowers (a book review), 366
Lai, Richard T., Ethical Land Use: Principles of Policy and Planning, by Timothy Beatly (a book review), 553
Nellis, Lee, Rural by Design: Maintaining Small Town Character, by Randall Arendt (a book review), 162
Power, J.F., Soil Science Simplified, 4th Edition, by Helmut Kohnke and D.P. Franzmeier (a book review), 366
Shipitalo, Martin J., Soil Ecology, by Ken Killham (a book review), 64
Woodbury, Marsha, Land and Water: Water and Soil Conservation and Central Government in New Zealand, by Michael Roche (a book review), 646
Brakensiek, D.L. (see Rawls, W.J.)
Bredeweg, Sally (see Supalla, Raymond J.)
Brenneman, William S., Mountains and Plains, The Ecology of Wyoming Landscapes, by Dennis H. Knight, 285
Brown, Lester R. (and Hal Kane), Reassessing population policy (a commentary), 150
Bryant, R.B. (see Bleecker, M.)
Bullock, M.S. (see Larney, F.J.)
Burbach, M.E. (see Zlotnik, V.A.)
Boughton, Walter C., An Australian water balance model for semiarid watersheds, 454
Boyer, D.G. (see Prato, Tony)
Burney, Jack (see Edwards, Linnell)
Campbell, C. Andrew, Landcare: Participative Australian approaches to inquiry and learning for sustainability, 125
Christopherson, John (and Ed Smith), The Tahoe landscape: A BMP education program, 272
Coffey, S.W. (see Stone, K.C.)
Cohee, Melville, H., Over 50 years—The conservation movement and SWCS, 343
Cohen, I. Sanchez (and Vincent L. Lopes, Donald C. Slack, and Carlos H. Yañez), Assessing risk for water harvesting systems in arid environments, 446

Computer models
(see models)

Conservation
Integrated pest management and conservation, 25
and terrace formation in cropping strips protected by tall wheatgrass barriers, 110
and incentives and economics in developing countries, 133
ancient Maya terracing and modern conservation, 138
and profitability of soil and water conservation in Canada, 215
and windbreaks and ecosystem-based assistance, 249
the conservation movement and SWCS, 343
and the structure of agriculture: implications for soil and water conservation, 347
and new technology for environmental quality, 352
and the soil and water conservationist of tomorrow, 355
and the three Ws of communicating conservation, 356
and managing droughts and floods in Brazil, 422

Conservation education
and the Tahoe Landscape: A BMP education program, 272

Conservation Reserve Program
and filter strips and recharge areas in USDA easements, 193
and nongame bird nesting, 672

Conservation tillage
and macropore effects in conventional tillage and no-tillage, 205
and influences as measured by ponded and tension infiltration, 571
Coote, D.R. (see Hayhoe, H.N.)

Cover crops
and selected cover crops established in early soybean growth stage, 82
Coyne, M.S. (R.A. Gilfillen, R.W. Rhodes, and R.L. Blevins), Soil and fecal coliform trapping by grass filter strips during simulated rain, 405
Cressel, Mary M., The three Ws of communicating conservation, 356

Crop production
and irrigated corn production in no-till and plowed alfalfa sod, 75
Soil erosion—crop productivity in six Alberta soils, 87
Curtis, Allan (and Terry DeLacy) Evaluating landcare groups in Australia: How they facilitate partnerships between agencies, community groups, and researchers, 15
Daniel, T.C. (see Moore, P.A., Jr.)
Davidson, D.A. (see Theocharopoulos, S.P.)
DeGloria, Stephen D., Remote Sensing and GIS in Ecosystem Management, by V. Alaric Sample (a book review), 285
DeGloria, S.D. (see Bleecker, M.)
DeHaan, Ron (see Edwards, Linnell)
DeLacy, Terry (see Curtis, Allan)
De Laney, Taylor A., Benefits to downstream flood attenuation and water quality as a result of constructed wetlands in agricultural landscapes, 620
DeLuca, T.H., Conventional row crop agriculture: Putting America's soils on a white bread diet, 262

Departments
Books, etc., 64, 162, 285, 366, 553, 641
Editorial, 3, 115, 223, 332, 580
Penpoints (letters to the editor), 116, 224, 334, 414, 585
Product news, 50, 154, 275, 360, 549, 636
SWCS view, 2, 114, 222, 330, 412, 578
Upcoming, 70, 166, 290, 371, 558, 644
Despain, Wendy (see Jones, O.R.)
Despain, Wendy, A summary of the Soil and Water Conservation Society's Wetlands Reserve Program survey, 633
Dickey, Elbert C. (see Shelton, David P.)
Dishongh, Gail, Windbreaks and ecosystem-based assistance in the Natural Resource Conservation Service, 249
Dixon, Robert M., Water infiltration control at the soil surface: Theory and practice, 450
Douglas, C.L., Jr. (see Reicosky, D.C.)

Dredging
and the political economy to offset sediment impacts, 659

Drought
and managing droughts and floods in Brazil—a case for conservation, 422
Dunning, Nicholas P. (see Beach, Timothy)

Easement programs
and filter strips and recharge areas in USDA easements, 193

Economics
and converting hydric cropland to wetland in Missouri, 101
and incentives and conservation in developing countries, 133

Education
and the Tahoe Landscape: A BMP education program, 272
Edwards, Linnell (and Jack Burney and Ron DeHaan), Researching the effects of mulching on cool-period soil erosion control in Prince Edward Island, Canada, 184
Elliot, L.F. (and K.E. Saxton and R.I. Papendick), The effect of residue management and paratillage on soil and water conservation and spring barley yields, 510
El-Swaify, Samir, Soil Science and Sustainable Land Management in the Tropics, edited by J.K. Syers and D.L. Rimmer (a book review), 647
Engel, B.A. (see Savabi, M.R.)
Engman, Edwin T., The use of remote sensing data in watershed research, 438

Environment
well sampling for agrichemicals in high capacity

systems, 95
and poultry manure management—environmentally sound options, 321

Erosion
Soil erosion—crop productivity in six Alberta soils, 87
and quantifying wind erosion on summer fallow in Alberta, 91
and estimating snowmelt runoff erosion indices for Canada, 174
and erosion assessment of large watersheds in Taiwan, 180
and mulching rates on cool-period soil erosion control, 184
and effects of planting direction, 188
and physical properties of soils by erosion classes, 306
and onsite erosion damages in Missouri corn production, 312
effects of aggregation on soil erodibility, 504
and evaluation of tepetates in relation to reclamation and productivity, 523
Ervin, David E. (and Elisabeth A. Graffy), Technology for production and environmental quality: Are we missing opportunities for complementarity?, 352
Exner, M.E. (see Zlotnik, V.A.)
Fairbanks, Kevin T. (see Shelton, David P.)
Farrell, David A., Experimental watersheds: A historical perspective, 432
Fast, Sarah, The soil and water conservationist of tomorrow, 355
Feldhake, C.M. (and D.G. Boyer), Soil water depletion by C3 and C4 pasture grasses in central Appalachia, 106
Ferreira, V.A. (and G.A. Weesies, D.C. Yoder, G.R. Foster, and K.G. Renard), The site and condition specific nature of sensitivity analysis, 493
Finkl, Charles W., Water resource management in the Florida Everglades: Are 'lessons from experience' a prognosis for conservation in the future?, 592
Fish, Rebecca, Landcare: Communities Shaping the Land and the Future, by Andrew Campbell (a book review), 646
Flanagan, D.C. (see Savabi, M.R.)
Foster, G.R. (see Ferreira, V.A.)
Fraiser, Gary W. (and Richard H. Hart and Gerald E. Schuman), Rainfall simulation to evaluate infiltration/runoff characteristics of a shortgrass prairie, 460
Fryrear, D.W. (see Larney, F.J.)

Flooding
and managing droughts and floods in Brazil—a case for conservation, 422
and sediment deposition, 521
and the effects of constructed wetlands, 620
Floyd, Martin D., Vegetative responses to implementation of Cameron-Creole in Southwest Louisiana: An ecosystem-based watershed project, 605
French, Richard H., Estimating the depth and length of sediment deposition at slope transitions on alluvial fans during flood events, 521
Fryrear, D.W. (see Zobeck, T.M.)
Fulcher, Chris (see Prato, Tony)
Gadt, Jeffrey W. (see Lachmar, Thomas E.)
Garbrecht, Jürgen (and Roger Kuhnle and Carlos Alonso), A sediment transport capacity formulation for application to large channel networks, 527
Garlynd, M. Jason (see Romig, Douglas E.)
Gilfillen, R.A. (see Coyne, M.S.)
Gillman, Keith R. (see Lant, Christopher L.)
Gillman, Keith R. (see Lant, Christopher L.)

GIS (geographic information systems)
and converting hydric cropland to wetland in Missouri, 101
and erosion assessment of large watersheds in Taiwan, 180
and GIS-based nonpoint source pollution modeling, 613
application of WEPP and GIS-GRASS to small watershed, 477
in soil survey and land evaluation in Greece, 118
Glaz, Barry, Research seeking agricultural and ecological benefits in the Everglades, 609
Glynn, Carroll J. (and Daniel G. McDonald and James P. Tette), Integrated pest management and conservation behaviors, 25
Golabi, M.H. (D.E. Radcliffe, W.L. Hargrove, and E.W. Tollner), Macropore effects in conventional tillage and no-tilled soils, 205
Gomez, Basil, Assessing the impact of the 1985 farm bill on sediment-related nonpoint source pollution, 374
Goodrich, D.C. (see Smith, R.E.)
Gordon, W.B. (and R.J. Raney and L.R. Stone), Irrigation management practices for corn production in north central Kansas, 395

Grazing
and rangeland soil carbon and nitrogen responses to, 294
and infiltration/runoff on a shortgrass prairie, 460

Groundwater
and identifying recharge areas or irrigation water, 378
Graffy, Elisabeth A. (see Ervin, David E.)
Haithcoat, Tim (see Prato, Tony)
Hall, J.W. (see van Vliet, L.J.P.)
Hargrove, W.L. (see Golabi, M.H.)
Harris, Robin F. (see Romig, Douglas E.)
Hart, R.H. (see Manley, J.T.)
Hart, Richard H. (see Frasier, Gary W.)
Hayhoe, H.N. (and R.G. Pelletier and D.R. Coote), Estimating snowmelt runoff erosion indices for Canada, 174
Hebel, B. (see Savabi, M.R.)
Herrick, Jeffrey E. (and Walter G. Whitford), Assessing the quality of rangeland soils: Challenges and opportunities, 237
Hildreth, R.J., The History of Agriculture and the Environment, by Douglas Helms and Douglas E. Bowers (a book review), 366
Hirschi, M.C. (see McIsaac, G.F.)
Hitzhusen, Fred J. (see Lehman, Timothy S.)
Humes, Karen S. (see Ritchie, Jerry C.)
Hunt, P.G. (see Stone, K.C.)
Hutson, J.L. (see Bleecker, M.)

Indigenous knowledge
and land use in Haiti, 7
and evaluating landcare groups in Australia, 15
and ancient Maya terracing and modern conservation, 138
and soil heath care practices in South India, 146
Integrated pest management
Integrated pest management and conservation, 25
Irrigation
and irrigated corn production in no-till and plowed alfalfa sod, 75
and residue management for continuous winter wheat production with limited irrigation, 317
and identifying recharge areas or irrigation water, 378
and management practices for corn production, 395
Izaurralde, R.C. (see Larney, F.J.)
Janzen, H.H. (see Larney, F.J.)
Jickling, Jon L. (see White, Anderson T.)
Jones, Alice (see Lowery, Birl)
Jones, O.R. (and Wendy Despain), China: Soil studies at Ansai, 336
Kachman, Stephen D. (see Shelton, David P.)
Kalmar, Andrew (see Nelson, Lisa S.)
Kane, Hal (see Brown, Lester R.)
Kaspar, T.C. (see S.D. Logsdon)
Kemper, W.D. (see Reicosky, D.C.)
Kautza, T.J. (and D.L. Schertz and G.A. Weesies), Lessons learned in RUSLE technology transfer and implementation, 490
Kennedy, A.C. (and R.I. Papendick), Microbial characteristics of soil quality, 243
King, L.G. (see McCool, D.K.)
Kinnell, P.I.A., The IXEA erosivity index: An index with the capacity to give more direct consideration to hydrology in predicting short-term erosion in the USLE modeling environment, 507
Kosovsky, Adar (see Morin, Joseph)
Kraft, Steven E. (see Lant, Christopher L.)
Kraft, Steven E. (see Lant, Christopher L.)
Krall, James M. (and Jerry J. Nachtman and Stephen D. Miller), A comparison of irrigated corn production in no-till and plowed alfalfa sod, 75
Kroos, Roland R.H. (see Sindelar, Brian W.)
Kuhn, Betsy (see Wiebe, Keith D.)
Kuhnle, Roger (see Garbrecht, Jürgen)
Lachmar, Thomas E. (and Jeffrey W. Gadt), Identification of recharge areas for irrigation water in carbonate terranes, 378
Laflen, J.M. (see McCool, D.K.)
Lai, Richard T., Ethical Land Use: Principles of Policy and Planning, by Timothy Beatley (a book review), 553

Land evaluation
and GIS in soil survey and land evaluation in Greece, 118

Land protection
and support for purchase of development rights, 30
and building a constituency base for open space protection, 34

Land use
and indigenous knowledge in Haiti, 7
and evaluating landcare groups in Australia, 15
and incremental land-use decision making, 21
and support for purchase of development rights, 30
and building a constituency base for open space protection, 34
and landcare (participative Australian approaches), 125

Land use planning
and GIS in soil survey and land evaluation in Greece, 118
and landcare (participative Australian approaches), 125
Langdale, G.W. (see Reicosky, D.C.)
Lant, Christopher L. (and Steven E. Kraft and Keith R. Gillman) Enrollment of filter strips and recharge areas in the CRP and USDA easement programs, 193
Lant, Christopher L. (and Steven E. Kraft and Keith R. Gillman) The 1990 farm bill and water quality in Corn Belt watersheds: Conserving remaining wetlands and restoring farmed wetlands, 201
Lapping, Mark B. (see Pfeffer, Max J.)
Larney, F.J. (and R.C. Izaurralde, H.H. Janzen, B.M. Olson, E.D. Solberg, C.W. Lindwall, and M. Nyborg) Soil erosion—crop productivity relationships for six Alberta soils, 87
Larney, F.J. (and M.S. Bullock, S.M. McGinn, and D.W. Fryrear) Quantifying wind erosion on summer fallow in southern Alberta, 91
Last, Donald G. Incremental land-use decision making displayed by county zoning committees, 21
Lathrop, Brent (and EPA staff), The Platte River Watershed Program, 601

Legislation
and conserving wetlands and restoring farmed wetlands, 201
and the 1985 farm bill—effects on nonpoint source pollution, 374
Lehman, Timothy S. (and Fred J. Hitzhusen and Marvin Batte), The political economy of dredging to offset sediment impacts on water quality in Ohio's state park lakes, 513
Letters to the editor
(see Departments—Pen points)
Lindwall, C.W., (see Larney, F.J.)
Lo, Kwong Fai A., Erosion assessment of large watersheds in Taiwan, 180
Loch, R.J. (and C. Pocknee), Effects of aggression on soil erodibility: Australian experience, 504
Lockeretz, William, Organic farming in Massachusetts: An alternative approach to agriculture in an urbanized state, 517
Logsdon, S.D. (and T.C. Kaspar), Tillage influences as measured by ponded and tension infiltration, 571
Loomis, John B., Public trust doctrine produces water for Mono Lake: The State of California's Water Resources Control Board decision #1631, 270
Lopes, Vicente L. (see Cohen, I. Sanchez)
Lopes, V.L. (see Tiscareno-Lopez, M.)
Lowery, Birl (and James Swan, Tom Schumacher, and Alice Jones), Physical properties of selected soils by erosion class, 306
Lown, Joel (see Yoder, Daniel)
Ma, Jian (see Xu, Feng)
Manley, J.T. (and G.E. Schuman, J.D. Reeder, and R.H. Hart), Rangeland soil carbon and nitrogen responses to grazing, 294
Martínez, E. Huerta (see Oropeza Mota, J.L.)
Matheny, T.A. (see Stone, K.C.)
McArthur, J.N. (see Theocharopoulos, S.P.)
McCarter, Julia R. (see Napier, Ted L.)
McCarter, Sam E. (see Napier, Ted L.)
McCool, D.K. (and D.E. Stott, J.M. Laflen, and D.L. Schertz), Residue incorporation by tillage—Interaction of mass and cover, 563
McCool, D.K. (and M.T. Walter and L.G. King),

Runoff index values for frozen soil areas of the Pacific Northwest, 466
McDonald, Daniel G. (see Glynn, Carrol J.)
McGinn, S.M. (see Larney, F.J.)
McIsaac, G.F. (and J.K. Mitchell and M.C. Hirschi), Dissolved phosphorus concentrations in runoff from simulated rainfall on corn and soybean tillage systems, 383
McSweeney, Kevin (see Romig, Douglas E.)
Miller, Stephen D. (see Krall, James M.)

Mitigation
Ohio farmers and a wetlands trading system, 648
Mitchell, J.K. (see McIsaac, G.F.)

Models
an Australian water balance model, 454
and application of WEPP and GIS-GRASS to small watershed, 477
and erosion assessment of large watersheds in Taiwan, 180
and GIS-based nonpoint source pollution modeling, 613
and mapping atrazine leaching potential, 383
and the future of RUSLE, 484
and using fractal principles to predict soil hydraulic properties, 463
assessing uncertainties using WEPP on rangelands, 512
(RUSLE) effects of aggregation on soil erodibility, 504
(RUSLE) the site and condition specific nature of sensitivity analysis, 493
the applicability of RUSLE to geomorphic studies, 498
the surface infiltration model, 470
(USLE) The IXEA erosivity index, 507
watershed erosion using KINEROS2 and EUROSEM, 517
Montange, Clifford (see Sindelar, Brian W.)
Moomaw, R.S., Selected cover crops established in early soybean growth stage, 82
Moore, P.A., Jr. (and T.C. Daniel, A.N. Sharpley, and C.W. Wood), Poultry manure management: Environmentally sound options, 321
Morin, Joseph (and Adar Kosovsky), The surface infiltration model, 470

Mulching rates
Nachtman, Jerry J. (see Krall, James M.)
Napier, Ted L. (and Sam E. McCarter and Julia R. McCarter), Willingness of Ohio land owner-operators to participate in a wetlands trading system, 502
Nellis, Lee, Rural by Design: Maintaining Small Town Character, by Randall Arendt (a book review), 162
Nelson, Lisa S. (and Andrew Kalmar), Building a constituency base for open space protection in the metro-rural interface: A case study, 34
Nicks, Arlin D., Spatial and temporal precipitation characteristics over a large gaged network, 443

No-tillage
and irrigated corn production in no-till and plowed alfalfa sod, 75
and macropore effects in conventional tillage and no-tillage, 205

Nonpoint source pollution
and GIS-based nonpoint source pollution modeling, 613
Northwest Area Foundation, A Better Row to Hoe: The Economic, Environmental, and Social Impact of Sustainable Agriculture (an executive summary), 57

Nutrient management
and adoption of nitrogen and water management practices, 77
Nyborg, M. (see Larney, F.J.)
Olson, B.M. (see Larney, F.J.)

Organic farming
in an urbanized state, 663
Oropeza Mota, J.L. (and J.D. Ríos Berber and E. Huera Martinez), Water erosion evaluation of tepetates in relation to reclamation and productivity, 523
Osterkamp, W.R. (see Toy, T.J.)
Palmer, Alan S. (see Reganold, John P.)
Papendick, R.I. (see Elliot, Lloyd F.)
Papendick, R.I. (see Kennedy, A.C.)
Parsons, Anthony J. (see Abrahams, Athol D.)

Pasture land
and soil water depletion by C3 and C4 grasses in central Appalachia, 106
Pelletier, R.G. (see Hayhoe, H.N.)

Pesticides
and mapping Atrazine leaching potential, 383

Pest management
Integrated pest management and conservation, 25
Pfeffer, Max J. (and Mark B. Lapping) Public and farmer support for purchase of development rights in the metropolitan Northeast, 30
Pikul, J.L., Jr. (see Aase, J.K.)
Pocknee, C. (see R.J. Loch)
Poiani, Karen A. (and Barbara L. Bedford), GIS-based non-point source pollution modeling: Considerations for wetlands, 613

Policy
and building a constituency base for open space protection, 34
and conventional row crop agriculture (commentary), 262
and cropping systems, the role of agchem dealers (commentary), 263
and incremental land-use decision making, 21
and reassessing population policy, 150
a summary of a Wetlands Reserve Program survey, 633
Northwest Area Foundation, A Better Row to Hoe: The Economic, Environmental, and Social Impact of Sustainable Agriculture (an executive summary), 57
regional policy—California water resources (commentary), 270

Pollution
and dissolved phosphorus on corn and soybean tillage systems, 383
and GIS-based nonpoint source pollution modeling, 613
and mapping Atrazine leaching potential, 383
and poultry manure management, 321
and soil and fecal coliform trapping by grass filter strips, 405
and the 1985 farm bill—effects on nonpoint source pollution, 374
and well sampling for agrichemicals in high capacity systems, 95
Ponce, Victor Miguel, Management of droughts and floods in the semiarid Brazilian Northeast—The case for conservation, 422
Power, J.F., Soil Science Simplified, 4th Edition, by Helmut Kohnke and D.P. Franzmeier (a book review), 366
Prato, Tony (and Yun Wang, Tim Haithcoat, Chris Barnett, and Chris Fulcher) Converting hydric cropland to wetland in Missouri: A geometric analysis, 101
Prato, Tony (see Xu, Feng)
Prato, Tony (see Xu, Feng)

Property rights
and the evolving federal role in wetlands, 627
Quandt, Loyal A. (and Frank C. Watts), State Soils of the United States, 340
Quinton, J.N. (see Smith, R.E.)
Radcliffe, D.E. (see Golabi, M.H.)

Rainfall
and hydrographs and parameters for four Turkish basins, 170
Rajasekaran, B. (and D. Michael Warren), Role of indigenous soil health care practices in improving soil fertility: Evidence from South India, 146
Raney, R.J. (see Gordon, W.B.)

Rangelands
and assessing soil quality, 237
and soil carbon and nitrogen responses to grazing, 294
assessing uncertainties using WEPP on rangelands, 512
Rasmussen, P.E. (see Reicosky, D.C.)
Rawls, W.J. (and D.L. Brakensiek), Utilizing fractal principles for predicting soil hydraulic properties, 463

Reclamation
and cover for reclaimed mineland erosion control, 668
and evaluation of tepetates in relation to reclamation and productivity, 523
Reeder, J.D. (see Manley, J.T.)
Reicosky, D.C. (and W.D. Kemper, G.W. Langdale, C.L. Douglas, Jr., and P.E. Rasmussen), Soil organic matter changes resulting from tillage and biomass production, 253
Reganold, John P. (and Alan S. Palmer), Significance of gravimetric versus volumetric measurements of soil quality under biodynamic, conventional, and continuous grass management, 298

Remote sensing
using remote sensing data in watershed research, 438
Renard, K.G. (see Ferreira, V.A.)

Residue
cover on the soil after planting for various tillage and planting systems, 399

Residue management
and tillage systems and water conservation, 656
for continuous winter wheat production with limited irrigation, 317
incorporation by tillage—interaction of mass and cover, 563

Resource management
and holistic resource management, 45
Rhodes, R.W. (see Coyne, M.S.)
Ritchie, Jerry C. (and Karen S. Humes and Mark A. Weltz), Laser altimeter measurements at Walnut Gulch Watershed, Arizona, 440
Ríos Berber, J.D. (see Oropeza Mota, J.L.)
Roberts, Ralph T. (see Thurman, Jane L.)
Robinson, Ann, Small and seasonal does not mean insignificant: Why it's worth standing up for tiny and temporary wetlands, 586
Rolong, N.A. (see Zobeck, T.M.)
Romig, Douglas E. (and M. Jason Garlynd, Robin F. Harris, and Kevin McSweeney), How farmers assess soil health quality, 229

Runoff
and hydrographs and parameters for four Turkish basins, 170
and estimating snowmelt runoff erosion indices for Canada, 174
and dissolved phosphorus on corn and soybean tillage systems, 383
and soil and fecal coliform trapping by grass filter strips, 405
an Australian water balance model, 454
and resistance to overland flow, 457
infiltration/runoff on a shortgrass prairie, 460
and index values for frozen soil areas, 466
the surface infiltration model, 470

RUSLE (Revised Universal Soil Loss Equation)
and the future of, 484
and technology transfer and implementation, 490
and the site and condition specific nature of sensitivity analysis, 493
The applicability of RUSLE to geomorphic studies, 498
(RUSLE) effects of aggregation on soil erodibility, 504
Savabi, M.R. (and D.C. Flanagan, B. Hebel, and B.A. Engel), Application of WEPP and GIS-GRASS to a small watershed in Indiana, 477
Saxton, K.E. (see Elliot, Lloyd F.)
Schertz, D.L. (see Kautza, T.J.)
Schertz, D.L. (see McCool, D.K.)
Schroeder, S.A., First estimation of cover for reclaimed mineland erosion control, 522
Schumacher, Tom (see Lowery, Birl)
Schuman, G.E. (see Manley, J.T.)
Schuman, Gerald E. (see Frasier, Gary W.)

Sedimentation
and deposition during flood events, 521
and the 1985 farm bill—effects on sedimentation-related nonpoint source pollution, 374
and the political economy or dredging to offset sediment impacts, 659
and transport capacity formulation for large channel networks, 527
Selley, Roger A. (see Supalla, Raymond J.)
Sharpley, A.N. (see Moore, P.A., Jr.)
Shelton, David P. (and Elbert C. Dickey, Stephen D. Kachman, and Kevin T. Fairbanks), Corn residue cover on the soil surface after planting for various tillage and planting systems, 399
Shipitalo, Martin J., Soil Ecology, by Ken Killham (a book review), 64
Sindelar, Brian W., Holistic Resource Management: An approach to sustainable agriculture on Montana's Great Plains, 45
Slack, Donald C. (see Cohen, I. Sanchez)
Smith, Ed (see Christopherson, John)

Smith, Loren M. (see Berthelsen, Peter S.)
Smith, R.E. (and D.C. Goodrich and J.N. Quinton), Dynamic, distributed simulation of watershed erosion: The KINEROS2 and EUROSEM models, 517
Snyder, Doug, What farmers should know about wetlands, 630

Soil fertility
and indigenous soil health care practices in South India, 146

Soil quality
and the changing concept of soil quality, 226
and how farmers assess soil health and quality, 229
and assessing rangeland soils, 237
and microbial characteristics, 243
and gravimetric versus volumetric measurement of soil quality, 298

Soils
and agricultural and ecological benefits in the Everglades, 609
and GIS in soil survey and land evaluation in Greece, 118
and indigenous soil heath care practices in South India, 146
and physical properties by erosion classes, 306
and rangeland soil carbon and nitrogen responses to grazing, 294
and runoff index values for frozen areas, 466
and soil organic matter changes resulting from tillage and biomass production, 253
and soil studies at Ansai, China, 336
and state soils, 329
and using fractal principles to predict soil hydraulic properties, 463
properties of recently tilled sod, 70-year cultivated soil, 205
soil erosion—crop productivity in six Alberta soils, 87
Soil and Water Conservation Society, Annual Report 1994-1995, 535
Solberg, E.D. (see Larney, F.J.)
Spalding, R.F. (see Zlotnik, V.A.)
Stone, K.C. (and P.G. Hunt, S.W. Coffey, and T.A. Matheny), Water quality status of a USDA water quality demonstration project in the Eastern Coastal Plain, 567
Stone, L.R. (see Gordon, W.B.)
Stonehouse, D. Peter, Profitability of soil and water conservation in Canada: A review, 215
Stott, D.E. (see McCool, D.K.)
Supalla, Raymond J. (and Roger A. Selley, Sally Bredeweg, and Darrell Watts), Adoption of nitrogen and water management practices to improve water quality, 77

Sustainable agriculture
Farm-level case study/sustainable agricultural production, 39
Northwest Area Foundation, A Better Row to Hoe: The Economic, Environmental, and Social Impact of Sustainable Agriculture (an executive summary), 57
Swan, James (see Lowery, Birl)
Tegene, Abebayehu (see Wiebe, Keith D.)

Terraces
terrace formation in cropping strips protected by tall wheatgrass barriers, 110
and ancient Maya terracing and modern conservation, 138
Tette, James P. (see Glynn, Carrol J.)
Tezcan, Birhan (see Usul, Nurünnisa)
Theocharopoulos, S.P. (and D.A. Davidson, J.N. McArthur, and F. Tsouloucha), GIS as an aid to soil surveys and land evaluation in Greece, 118
Thurman, Jane L. (and Ralph T. Roberts), New strategies for the water data center, 530
Tiscareno-Lopez, M. (and M.A. Weltz and V.I. Lopes), Assessing uncertainties in WEPP's soil erosion predictions on rangelands, 512
Tollner, E.W. (see Golabi, M.H.)

Topography survey
and using remote sensing data in watershed research, 438
using laser altimeter measurements, 440
Toy, T.J. (and W.R. Osterkamp), The applicability of RUSLE to geomorphic studies, 498
Tsouloucha, F. (see Theocharopoulos, S.P.)

Tillage practices
and dissolved phosphorus on corn and soybean tillage systems, 383
and influences as measured by ponded and tension infiltration, 571
and macropore effects in conventional tillage and no-tillage, 205
and residue cover on the soil after planting for various tillage and planting systems, 399
and residue management and water conservation, 656
and soil organic matter changes resulting from tillage and biomass production, 253
and water infiltration control at the surface, 450
incorporation of residue by tillage—interaction of mass and cover, 563
properties of recently tilled sod, 70-year cultivated soil, 205
Tweeten, Luther, The structure of agriculture: Implications for soil and water conservation, 347
Unger, Paul W., Residue management for continuous winter wheat production with limited irrigation, 317

USLE (Universal Soil Loss Equation)
and the I_XE_A erosivity index, 507
Usual, Nurünnisa (and Birhan Tezcan), Determining synthetic unit hydrographs and parameters for four Turkish basins, 170
van Schilfgaarde, Jan, Water management in semiarid environments, 420
van Vliet, L.J.P. (and J.W. Hall), Effects of planting direction of brussels sprouts and previous cultivation on water erosion in southwestern British Columbia, Canada, 188
Wagenet, R.J. (see Bleecker, M.)
Wainwright, John (see Abrahams, Athol D.)
Walter, M.T. (see McCool, D.K.)
Wang, Yun (see Prato, Tony)
Warkentin, Benno P., The changing concept of soil quality, 226
Warren, D. Michael (see Rajasekaran, B.)

Water
and adoption of nitrogen and water management practices, 77
and hydrographs and parameters for four Turkish basins, 170
and identifying recharge areas or irrigation water, 378
and irrigation management practices for corn production, 395
and soil water depletion by C3 and C4 grasses in central Appalachia, 106
and status of USDA demonstration project, 567
and well sampling for agrichemicals in high capacity systems, 95
new strategies for ARS's water data center, 530
spatial and temporal precipitation characteristics—a large gaged network, 443
using remote sensing data in watershed research, 438

Water management
an Australian water balance model, 454
and adoption of nitrogen and water management practices, 77
and application of WEPP and GIS-GRASS models, 477
and assessing risk for water harvesting in arid regions, 446
and infiltration control at the surface, 450
and infiltration/runoff on a shortgrass prairie, 460
and resistance to overland flow, 457
and resources management in the Florida Everglades, 592
and soil water depletion by C3 and C4 grasses in central Appalachia, 106
and the effect of residue management, 656
and the Platte River Watershed Program, 601
and using fractal principles to predict soil hydraulic properties, 463
and vegetative responses to implementing a watershed project in Louisiana, 605
experimental watersheds: a historical perspective, 432
in semiarid environments, 420
new strategies for ARS's water data center, 530

Water quality
and dredging to offset sediment impacts, 659
and soil and fecal coliform trapping by grass filter strips, 405
and status of USDA water quality demonstration project, 567
and the 1985 farm bill—effects on sediment-related nonpoint source pollution, 374
and well sampling for agrichemicals in high capacity systems, 95
the effect of constructed wetlands on, 620
Watts, Darrell (see Supalla, Raymond J.)
Watts, Frank C. (see Quandt, Loyal A.)
Weesies, G.A. (see Ferreira, V.A.)
Weesies, G.A. (see Kautza, T.J.)
Weltz, Mark A. (see Ritchie, Jerry C.)
Weltz, M.A. (see Tiscareno-Lopez, M.)

WEPP (Water Erosion Prediction Project)
application of WEPP and GIS-GRASS to small watershed, 477
assessing uncertainties using WEPP on rangelands, 512

WEPS (Wind Erosion Prediction System)
and quantifying wind erosion on summer fallow in Alberta, 91

Wetlands
and agricultural and ecological benefits in the Everglades, 609
and a summary of a Wetlands Reserve Program survey, 633
and conserving wetlands and restoring farmed wetlands, 201
and constructed wetlands, flooding, and water quality, 620
and converting hydric cropland to wetland in Missouri, 101
and general information for farmers, 630
and GIS-based nonpoint source pollution modeling, 613
and Ohio farmers and a wetlands trading system, 648
and property rights, 627
and the Platte River Watershed Program, 601
and the significance of small and temporary wetlands, 586
and vegetative responses to implementing a watershed project in Louisiana, 605
and water and resources management in the Florida Everglades, 592
White, T. Anderson (and Jon L. Jickling), Land use in Haiti: Indigenous and project technology, 7
Whitford, Walter G. (see Herrick, Jeffrey E.)
Wiebe, Keith D. (and Abebayehu Tegene and Betsey Kuhn), Property rights, partial interests, and the evolving federal role in wetlands conversion and conservation, 627

Wildlife
and nongame bird nesting on CRP lands, 672

Windbreaks
and ecosystem-based assistance, 249

Wind erosion
and terrace formation in cropping strips protected by tall wheatgrass barriers, 110
Wolf, Steven, Cropping systems and conservation policy: The roles of agrichemical dealers and independent crop consultants, 263
Wood, C.W. (see Moore, P.A., Jr.)
Woodbury, Marsha, Land and Water: Water and Soil Conservation and Central Government in New Zealand, by Michael Roche (a book review), 646
Xu, Feng (and Tony Prato and Jian C. Ma), A farm-level case study of sustainable agricultural production, 39
Xu, Feng (and Tony Prato), Onsite erosion damages in Missouri corn production, 312
Yañez, Carlos H. (see Cohen, I. Sanchez)
Yoder, Daniel (and Joel Lown), The future of RUSLE: Inside the new Revised Universal Soil Loss Equation, 484
Yoder, D.C. (see Ferreira, V.A.)
Zlotnik, V.A. (and M.E. Burbach, M.E. Exner, and R.F. Spalding), Well sampling for agrichemicals in high capacity systems, 95
Zobeck, T.M. (N.A. Rolong, D.W. Fryrear, J.D. Bilbro, and B.L. Allen), Properties and productivity of recently tilled grass sod and 70-year cultivated soil, 210